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4947/00/JC

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Mickaële LE RAVALEC-DUPIN et al  
Serial No.: 10/615,772  
Filed: July 10, 2003  
For: METHOD OF CONSTRAINING A HETEROGENEOUS  
PERMEABILITY FIELD REPRESENTING AN  
UNDERGROUND RESERVOIR BY DYNAMIC DATA  
Art Unit: 2128  
Examiner: Kimberly A. Thornewell

**AMENDMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

January 24, 2007

Sir:

This is in response to the first Office Action August 24, 2006. Please amend the above-identified application as listed below and as set forth on the following pages:

Amendments to the Specification

Amendments to the Claims

Remarks are included following the amendments